

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for external localization of anomalies located in an immersed hollow structure $\langle PL \rangle$, which anomalies were detected beforehand by a device $\langle R_{TE} \rangle$ moving inside said immersed hollow structure, and positioned by counting from an origin, marks located at regular intervals accessible from the inside and outside of said immersed hollow structure $\langle PL \rangle$, characterized in that it ~~eonsists~~ consisting of:

- a. defining by counting, from the same aforesaid origin, a mark accessible on the outside of the immersed hollow structure,
- b. positioning a transponder module $\langle T \rangle$ on the aforesaid mark,
- c. identifying the transponder module $\langle T \rangle$ by an identification code,
- d. determining the number of marks separating said anomalies and said identified transponder module $\langle T \rangle$.

2. (Currently Amended) The method according to claim 1, ~~characterized in that~~ wherein the immersed hollow structure (PL) is a submarine pipeline.

3. (Currently Amended) The method according to claim 1, ~~characterized in that~~ wherein the marks located at regular intervals accessible inside and outside of said immersed hollow structure (PL) are welds connecting metal sections forming the envelope of the hollow structure (PL).

4. (Currently Amended) The method according to claim 1, ~~characterized in that~~ wherein a transponder (T) is located near one aforesaid weld.

5. (Currently Amended) The method according to claim 1, ~~characterized in that~~ wherein the identification of the transponder module by an identification code is carried out via a reading and writing device (D_{BM}).

6. (Currently Amended) The method according to claim 5, ~~characterized in that~~ wherein the identification of the

transponder module by an identification code is carried out at a frequency between 1 kHz and 150 kHz, preferably at 125 kHz and 134.2 kHz and at a power between 1 W and 100 W, preferably between 4 W and 20 W.

7. (Currently Amended) The method according to claim 5, ~~characterized in that~~ wherein the reading and writing device ~~(D_{EM})~~ comprises storage means and remote transmission means.

8. (Currently Amended) A device for applying the method according to claim 1, for external localization of anomalies located in an immersed hollow structure ~~(PL)~~, which anomalies were detected beforehand by a device ~~(R_{TE})~~ moving inside said immersed hollow structure ~~(PL)~~, and positioned by counting from an origin, marks located at regular intervals, accessible from the inside and outside of said immersed hollow structure ~~(PL)~~, ~~characterized in that it comprises~~ said device comprising :

- a. means for defining by counting, from the same aforesaid origin, a mark accessible on the outside of the immersed hollow structure ~~(PL)~~,

- b. means for positioning a transponder module {T} on the aforesaid mark,
- c. means for identifying the transponder module {T} by an identification code,
- d. means for determining the number of marks separating said anomalies and said identified transponder module {T}.

9. (Currently Amended) The device according to claim 8, ~~characterized in that~~ wherein the means for positioning the transponder module on the aforesaid mark comprise an open collar {2} made in a flexible material unaffected by seawater.

10. (Currently Amended) The device according to claim 8, ~~characterized in that~~ wherein the means for positioning the transponder module on the aforesaid mark, comprise a strap made in a flexible material unaffected by seawater.

11. (Currently Amended) The device according to claim 8, ~~characterized in that~~ wherein the means for

positioning the transponder module on the aforesaid mark consist in a bond unaffected by seawater.

12. (Currently Amended) The device according to claim 8, ~~characterized in that~~ wherein the means for positioning the transponder module on the aforesaid mark comprise a sealing member ~~(2)~~ in the concrete or the coating resin of said immersed hollow structure.

13. (Currently Amended) The device according to claim 8, ~~characterized in that~~ wherein the means for identifying the transponder module by an identification code comprise a reading and writing device ~~(D_{BM})~~.

14. (Currently Amended) The device according to claim 11, ~~characterized in that~~ wherein the aforesaid reading and writing device ~~(D_{BM})~~ may write initial data in the transponder module before immersion.

15. (Currently Amended) The device according to
claim 8, ~~characterized in that~~ wherein the immersed structure
{PL} is a flexible or rigid submarine pipeline, or a submarine
cable.